

## Sprint 4

Team ID	PNT2022TMID31485
Project Name	IoT Based Safety Gadget for Child Safety Monitoring and notification

### FIREOAUTH:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link rel="stylesheet" href="/css/fireoauth.css">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/nprogress/0.2.0/nprogress.min.css">

<link rel="shortcut icon"

href="https://raw.githubusercontent.com/tharunoptimuspd/firepwa/main/favicon.ico?token=GHSAT0AAA  
AAABR46HVJ5M5L3QGFRZRQXOISYUJUWAA" type="image/x-icon">

<style> html, body

{ height:

100%;

margin: 0;

font-family: -apple-system, BlinkMacSystemFont, "Segoe UI", Roboto, Oxygen,

Ubuntu, Cantarell, "Open Sans", "Helvetica Neue", sans-serif;

font-weight: 300;

}

a {

```
text-decoration: none;
color: #007bff; font-weight:
500;
font-size: 1.2rem;
}
h3 {    font-size:
1.4rem;
}
h3, h4 { margin:
0;
padding: 0.3rem 0;
}
.wrapper { display: flex;
flex-direction: column;
align-items: center;
justify-content: center;
height: 100%; text-
align: center;
}
onClickSignin { padding: 0.5rem;
border: 1px solid #44444444; border-
radius: 5px; box-shadow: 0 0 3px 0px
#44444444;
opacity: 0.2;
pointer-events: none;
}
```

```
qrcode {
  opacity: 0.1;
}
.learnAboutFire {
  padding-top: 1.25em;
}
.qrHolder { display:
  none;
margin-top: 3rem;
}
.qrContainer { align-items:
center;
  display: flex;
    justify-content: center; padding: 8px;
    margin: 2rem auto; box-shadow: 0 0px 6px
1px rgb(0 0 0 / 16%); border: 1px solid
    #44444444; border-radius: 6px; width:
    200px;
    height: 200px;
  }
</style>
<title>Fire OAuth</title>
<script> if (window.location.hostname !==
"localhost") {      if (location.protocol !==
"https:") {
```

```

        location.replace(`https:${location.href.substring(
location.protocol.length
        )}
    )
}
}
</script>
</head>
<body>
    <div class="wrapper">
        <h3 class="pageTitle">Login with Fire ??</h3>

        <div class="qrAuthorize">
            <h4 class="subTitle">Scan QR from your Fire OAuth App??</h4>
<div class="qrContainer">
<canvas id="qr-code" class="qrcode"></canvas>
        </div>
</div>
        <div class="oneClickSignin">
            <h4>Have Fire PWA on this device?</h4>
            <a target="_blank" id="authorizeOverLink" href="https://firepwa.netlify.app/authorize?sessionId"
rel="noopener">Click to Authorize ?? </a>
        </div>
        <div class="learnAboutFire">
            <a target="_blank" href="https://fireoauth.netlify.app" rel="noopener">Learn More about Fire
??</a>
        </div>

```

```

</div>
<script src="https://cdnjs.cloudflare.com/ajax/libs/nprogress/0.2.0/nprogress.min.js"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/qrious/4.0.2/qrious.min.js"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/socket.io/4.2.0/socket.io.js"></script>
<script>
const FIRE_API_KEY = "635b790a3bcc6b59c4b772d0"
const FIRE_ENDPOINT = "https://fire.adaptable.app/api/apis/generate"
const CHANNEL_NAME = "fireOAuthChannel" const
broadcastingChannel = new BroadcastChannel(CHANNEL_NAME)

const FIRE_SERVER_SOCKET_ENDPOINT = "https://fire.adaptable.app"
let socket = io(FIRE_SERVER_SOCKET_ENDPOINT) let qr
let qrcode = document.querySelector(".qrcode")
let oneClickSignin = document.querySelector(".oneClickSignin")
let pageTitle = document.querySelector(".pageTitle") let
subTitle = document.querySelector(".subTitle") function
setOpacity(opacity) { oneClickSignin.style.opacity = opacity
oneClickSignin.style.pointerEvents = opacity === "1" ? "auto" : "none" qrcode.style.opacity
= opacity
}
async function getSessionID() { let
response
try {
response = await fetch(`${FIRE_ENDPOINT}/${FIRE_API_KEY}`, {
method: "GET", headers:
{
"Content-Type": "application/json",

```

```

}
})
} catch (error) { console.log(error)

    return null
}
let data = await response.json() let
{ sessionId, chatRoomId } = data
return { sessionId, chatRoomId }
}

    function generateQR(value) {
        (qr = new QRious({
            element: document.getElementById("qr-code"),
            size: 200, level: 'M', value: value,
        )))
    }

function changeHREF ({sessionId, chatRoomId}) { let
    firePwaUrlHostname = "https://firepwa.netlify.app" let
    originURL = encodeURIComponent(window.location.origin)
    let url =
    `${firePwaUrlHostname}/authorize.html?sessionId=${sessionId}&chatRoomId=${chatRoomId}&url=${o
    riginURL}`
let a = document.getElementById("authorizeOverLink")
a.href = url
}

    async function fire() {
NProgress.set(0.4)

```

```

    let { sessionId, chatRoomId } = await getSessionID()
    if(sessionId === undefined || chatRoomId ===
undefined || sessionId === null || chatRoomId === null)
{
    pageTitle.innerHTML = "Something went wrong ????"
    subTitle.innerHTML = "Please try again later ??????"    return
}
setOpacity("1")

NProgress.done() let
data = { sessionId,
url: encodeURIComponent(window.location.origin)
}
data = JSON.stringify(data)
generateQR(data) changeHREF({sessionId,
chatRoomId})
socket.emit("join room", sessionId)
}
fire()

socket.on("trusted token", (token) => {
let data = {} data.success = true
data.token = token
broadcastingChannel.postMessage(data)
window.close()
})
</script>
</body> </html>

```

## DASHBOARD:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<meta http-equiv="X-UA-Compatible" content="IE=edge">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<link rel="stylesheet" href="./css/dashboard.css">
```

```
<title>Dashboard</title>
```

```
<script src="./localforage.js"></script>
```

```
</head>
```

```
<body>
```

```
<div class="wrapper">
```

```
<div class="header">
```

```
<span class="heading">Dashboard</span>
```

```
<span class="right">
```

```
<span class="username">Hello User</span>
```

```
<span>
```

```

```

```
</span>
```

```
</span>
```

```
</div>
```

```
<div class="actionCenter">
```

```
<div class="action">
```



```

        <span>Create Child Card</span>
</div>
    <div class="action">
        <span class="logout">Log out</span>
    </div>
</div>
    <div class="childCardContainer">
        <div class="childCard">
<div class="childCardHeader">
    <span>Child Name</span>
    <span>Age 12</span>
</div>
<div class="actions">

    <span>View</span>
<span>GeoFence</span>
    </div>
    </div>
    </div>
    </div>
</div>
<script>
    async function main() {
        let userData = await localStorage.getItem('userData')
        if(userData == null) {
            window.location.href = "/login"
        }
    }

```

```
        document.querySelector(".username").innerHTML = `Hello ${userData.firstName}`
document.querySelector(".profilePic").src = userData.profilePic
    }
main()
        document.querySelector(".logout").addEventListener("click", async () => {
await localStorage.setItem('userData', null)        window.location.href =
"/login"
    })
    </script>
    </body>
</html>
```

